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TITLE: CORRECTION OF TIRE UNIFORMITY

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ABSTRACT:

PURPOSE: To correct a tire once set with respect to many items at the same time, by pressing a drum to the rotating tire and measuring the rigidity of said tire by the load cell mounted on the shaft of the drum and performing wave form processing by a control apparatus and altering the angle of a grindstone to perform buffing processing.

CONSTITUTION: The rigidity in an X-axis direction and that in a Y-axis direction of both shoulder parts of a tire W, a radial force variation (RFV), lateral force variation (LFV) and conicity are measured by X-and Y-load cells

3a, 3b and comparative operation is performed by a computer 5 and, when RFV and unicity are out of standards, the a-point position of the tire W is shaven by definite quantity. Thereafter, the shaving positions of rubstones 6a, 6b are altered and moved to the outside of the tire W to again perform shaping with respect to the same item. Next, when LFV is out of a standard, the first correction of RFV of the rigidity in the X-axis direction of both shoulder parts is performed and the grindstones 6a, 6b are moved to b-point positions at the second time to correct LFV.

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